

**SKI RUN MARINA VILLAGE
STORM WATER PROTECTION AND
PREVENTION PLAN
SWPPP
2003 - 2004 UPDATE**

**900 Ski Run Boulevard Suite 1
South Lake Tahoe, California**

**Prepared for: Mr. Mansoor Alyeshmerni
Ski Run Marina
900 Ski Run Boulevard
South Lake Tahoe, California**

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Project No. 10282004

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1.0 INTRODUCTION

This Storm Water Pollution Prevention Plan (SWPPP) was prepared as Required by the California State Water Resources Control Board Water Quality Order No. 97-03-DWQ, National Pollutant Discharge Elimination System (NPDES), General Permit No. CAS00000I (General Permit), Board Order No. 6-00-(Tent), WDID No. 6A(Tent), NPDES CAG61002.

Waste Discharge Requirements (VVDRS) for Discharge of Storm Water Associated with Industrial Activities excluding Construction Activities.

The SWPPP identifies site specific best Management Practices (BMPs) for reducing pollutants in storm water discharges. Attached is the Storm Water Monitoring Plan (SWMP) that describes procedures for monitoring storm water discharges. In addition, there is a month-by-month description of activities that are to be performed to verify that BMPs are being implemented and- that records are kept of monitoring.

2.0 FACILITY INFORMATION

2.1 FACILITY LOCATION

Ski Run Marina Village
900 Ski Run Blvd.
South Lake Tahoe, Ca.

2.2 LAND OWNER

Mansoor Alyeshmerni
900 Ski Run Blvd., Suite 1
South lake Tahoe, Ca 96150

2.3 RESPONSIBILITY FOR IMPLEMENTATION OF SWPPP

Mansoor Alyeshmerni- Owner
Dan Jack - Manager

2.4 SKI RUN MARINA STORM WATER MANAGEMENT TEAM

The Storm Water Permit implementation and monitoring team is lead by the Facility Manager. A list of Team members and their responsibilities will be on file in the Managers' Office.

CERTIFICATION OF RESPONSIBILITY

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to-the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.”
(Section A.9.a- certification)

(Signature)_____ (Date)_____

Mansoor Alyeshmerni, Property Owner, Ski Run Marina

**2.6 RESPONSIBLE FOR INITIAL PREPARATION OF STORM
WATER PERMIT DOCUMENTS**

Geotechnical Support Services LLC.
1041 Zephyr Cove, Nevada. 89448
Phone 775-745-6615 - FAX 530-544-8605
E-mail ajack_gss@msn.com

2.7 PERMITS & LICENSES

Permits and licenses are required to do business. Compliance with these permits and licenses are BMPs that can directly and/or indirectly reduce the potential to pollute snow and rain water. Some of these permits and licenses are listed in this section:

- Industrial Storm Water Permit: 6A0996010059909
- City of South Lake Tahoe Business License No.: 315847
- EPA CAD Hazardous Waste Generator No.: 09-000-01765
- EPA CAL Hazardous Waste Generator No.: 09-000-01765
- Assessor's Parcel Number (APN) 27-057-09
- Facility SIC Code: 5554A Public Marina
- Facility WDID Number: 6A099410001

2.8 SERVICE PROVIDERS (VENDORS)

Assistance provided by contractors can be included as BMPs because the contractor provides services which facilitates the efficient management of the company and consequently directly, arid/or indirectly prevent pollution. Some of the contractors, and a description of the service they provide, are listed in this section:

- Solid Waste Disposal:

South Tahoe Refuse
2140 Ruth Ave.
South Lake Tahoe, California
Ph: 530-541-51065

- Vehicle Maintenance

Kingsbury Automotive Supply
180 Shady Ln Stateline Nevada
Ph: 775-588-2441

- Fuel Deliveries

Berry Hinkley Industries
147 S Stanford Wy.
Sparks, Nevada
Ph: 775-359-3778

- Fuel System Maintenance

Perks L.A. Pluming & Heating
525 Spice Islands Dr
Sparks
Ph: 775-358-4403

3.0 FACILITY DESCRIPTION

The facility includes employee/visitor parking, offices, two restaurants and loading areas. The facility also has a, charter fishing operation, watercraft rental business and a charter boat business. The activities that are exposed to storm water are parking, refueling of watercraft, parking, trash disposal, foot traffic, loading and unloading of goods, and temporary storage of waste materials, and movement by.

The facility is bounded on the east by Embassy Suites, on the north by Lake Tahoe, south by Al's Chevron, and on the West by Tahoe Beach and Ski.

All parking areas are paved with asphalt and drain directed by curbs and drainage pattern to drain into a pond treatment system built into the facility.

3.1 NATURE OF THE BUSINESS

Ski Run Marina is a store and restaurant facility with a working marina for the rental of watercraft, fishing charters and Tahoe Queen Boat tours. The facility industrial activities involve the refueling of watercraft, facility and minor boat maintenance. Processes involve the use of fuels, motor oils, cleaning, and maintenance equipment, all of which produce potential pollutants.

3.2 FACILITY SIZE

The facility coverage is as follows:

Ponds,	3,000 sq. ft.
Walks,	19,505 sq. ft.
Parking,	50,636 sq. ft.
Courtyard	7,973 sq. ft.
Misc.	4,338 sq. ft.
Service Rd. & Turnaround	5,489 sq. ft.
Access Rd.	3,552 sq. ft.
<u>Buildings</u>	<u>18,283 sq. ft.</u>
Total:	112,776 sq. ft.

3.3 PERCENT IMPERVIOUS

Percent impervious: 86,000 square feet of impervious surface. Of which 50,636 sq.ft. is parking, 7,973 sq.ft. Foot traffic and vehicle access and foot traffic and 19,505 for foot traffic. Over all 68% of the site is impervious

PERCENT OF OUTDOORS ACTIVITY

Percent of operations outdoors: 70%

3.5 SIGNIFICANT SPILLS

There have been no significant spills

3.6 ILLICIT CONNECTIONS

Illicit connections have not been observed.

3.7 NATURAL CONDITIONS

Natural conditions that may reduce pollution of storm water:

- Surfaces which are not sealed are nearly level with a sandy soil allowing percolation into the soil.
- Facility is located in a in the Sierras where the majority of the moisture falls as snow in the winter when out door activities including the marina are at a minimum.

3.8 BUILT STRUCTURES (STRUCTURAL CONTROLS)

Structural controls that may reduce pollution of storm water:

- About 65% of the surfaces are paved with asphalt and concrete.
- There is landscaping across all non-sealed areas
- Parking is separated from operational activities and has a water collection pond system to treat runoff.

- Covered space is provided for cleaning solutions/detergents.
- Covered space is provided for parts storage.
- Covered space is provided for dumpsters
- Covered space is provided for hazardous material storage.
- Trash dumpsters have covers.

3.9 SOIL EROSION AND SEDIMENTATION

To limit erosion:

- Majority of non-sealed areas are fenced off to limit human foot traffic.
- Non-sealed areas are landscaped and either planted in grass and native plants or are sealed with bark dust to limit erosion.
- Swales and natural ponds either have rock drains or silt curtains in place to limit erosion.
- Following BMPs on shore line erosion as stated in the Tahoe Regional Planning Agency (TRPA) Shorezone and Lakezone Application Packet.
- The placing of hay and hydro seeding to limit erosion in areas not planted are not required currently no areas are under construction.

The storm water discharges will be visually monitored for sediment, and water quality samples will be tested for suspended solids. If the results from monitoring demonstrate high levels of sediment or suspended solids present, housekeeping efforts will be intensified and BMPs in the SWPPP may need to be revised.

3.10 POTENTIAL POLLUTANTS IN STORM WATER DISCHARGES

Ski Run Marina is a shop/restaurant facility with an active marina. The facility restaurant, parking areas, and marina activities may be potential sources of storm water pollution. These processes, fluids and resulting byproducts include, but are not limited to: fuel, motor oils, absorbents, and detergents from cleaning. Other potential pollutants include automotive fluids from employee/visitor vehicles, and ordinary trash and debris.

3.11 NON-STORM WATER SOURCES AND CONTROLS

According to Permit regulations, there are two types of non-storm water discharges to be considered. Authorized non-storm water discharges and unauthorized non-storm water discharges. Authorized non-storm water originates from specific sources, does not contain pollutants and is not exposed to surface contaminants. Unauthorized non-storm water is water that contains pollutants, or flows across contaminated surfaces.

Unauthorized non-storm water discharges are to be eliminated. If unauthorized non-storm water discharges cannot be eliminated, or it will take a long time to eliminate, short-term plans will to be developed describing practices and structures to protect the water from pollutants. For on-going non-storm water discharges the facility must apply for a site specific non-storm water permit from the Regional Water Board.

If large amounts of faucet water are used on surfaces, there is a potential for non-storm water discharges that are prohibited by the Industrial Storm Water Permit regulations. There is no evidence that non-storm water flows onto the facility from neighboring facilities.

Discharge points are to be visually observed quarterly for both authorized and unauthorized non-storm water discharges and for evidence of pervious discharges. Instructions for visual observations and record keeping are described in Section 9 of the SWPPP and in the Storm Water Monitoring Plan.

POTENTIAL AUTHORIZED NON-STORM WATER SOURCES

- Condensation from air conditioners that does not pool and evaporate flows into the sanitary sewer system.
- Irrigation.

POTENTIAL UNAUTHORIZED NON-STORM WATER SOURCES

- Water from the cleaning operations
- Wash water from indoor cleaning.
- Water from outdoor faucets that flow across potentially polluted surfaces.

POTENTIAL NON-STORM WATER SOURCES

- Outdoor faucets
- Cleaning-water from inside built structure
- Cleaning operations over-spray.
- Irrigation water